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TOWNSEND and TOWNSEND KHOURIE and CREW

Atty. Docket No. 16243-1-5

Steuart Street Tower  
One Market Place  
San Francisco, CA 94102  
(415) 443-9000

Date August 27, 1993

In re application of

Richard H. Tullis

Serial No.:

08/078,767

Filed:

June 16, 1993

Group Art Unit:

Unknown

For: OLIGONUCLEOTIDE THERAPEUTIC AGENT  
AND METHODS OF MAKING SAME

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith is a Revocation and Substitution of Power of Attorney under 37 CFR § 1.36 and a Certificate under 37 CFR § 3.73(b) in the above-identified application.

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	*	MINUS	**	=	x11=	\$	OR	x22=	\$
INDEP.	*	MINUS	***	=	x37=	\$	OR	x74=	\$
[ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+115=	\$	OR	+230=	\$
					TOTAL	\$	OR	TOTAL	\$

\* If the in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.  
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

[x] No fee is due.

Please charge Deposit Account No. 20-1430 as follows:

[ ] Claims fee

\$ \_\_\_\_\_

[X] Any additional fees associated with this paper or during the pendency of this application.

Two copies of this sheet are enclosed.

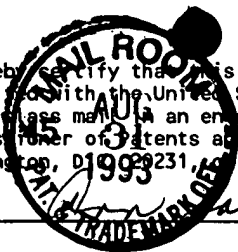
TOWNSEND and TOWNSEND KHOURIE and CREW

Kenneth A. Weber

Reg. No.: 31,677

Attorneys for Applicant

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.



August 27, 1993

PATENT

By Richard H. Tullis

Attorney Docket No. 16243-1-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Richard H. Tullis

Serial No.: 08/078,767

Filed: June 16, 1993

For: OLIGONUCLEOTIDE THERAPEUTIC)  
AGENT AND METHODS OF MAKING)  
SAME

Examiner: J. Martinell

Art Unit: 1805

CERTIFICATE UNDER  
37 CFR § 3.73(b)

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GROUP 3200

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

MOLECULAR BIOSYSTEMS, INC., a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application for OLIGONUCLEOTIDE THERAPEUTIC AGENT AND METHODS OF MAKING SAME by virtue of an assignment from the inventor, Richard H. Tullis, to Kendrew Biosystems, Inc. The Assignment was recorded in the Patent and Trademark Office at Reel 3941, Frames 775-777. A change of name from Kendrew Biosystems, Inc., to MOLECULAR BIOSYSTEMS, INC., was recorded in the Patent and Trademark Office at Reel 4079, Frames 445-447. Copies of the above recorded documents are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee, MOLECULAR BIOSYSTEMS, INC.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United

Richard H. Tullis  
Serial No.: 08/078,767  
Page 2

PATENT

States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: August 26, 1993

Name: Steven Lawson

Title: Vice President Legal Affairs and General Counsel

Signature: 

P22D.WP 4/93

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicant: \_\_\_\_\_

Application No.: \_\_\_\_\_ Filed: \_\_\_\_\_

For: \_\_\_\_\_

\_\_\_\_\_, a \_\_\_\_\_,  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

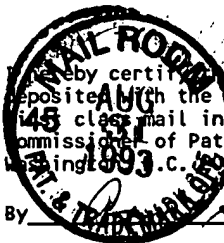
I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : \_\_\_\_\_

Name : \_\_\_\_\_

Title : \_\_\_\_\_

Signature: \_\_\_\_\_



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By Sorelli

Attorney Docket No. 16243-1-5

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9/9/93  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )

Richard H. Tullis )

Examiner: (Unknown)

Serial No.: 08/078,767 )

Art Unit: (Unknown)

Filed: June 16, 1993 )

REVOCATION AND SUBSTITUTION OF  
POWER OF ATTORNEY UNDER 37 CFR  
§ 1.36

For: OLIGONUCLEOTIDE THERAPEUTIC )  
AGENT AND METHODS OF MAKING )  
SAME )

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

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Pursuant to 37 CFR § 1.36, MOLECULAR BIOSYSTEMS, INC., revokes all previous powers of attorney and hereby appoints the following members of the firm of TOWNSEND and TOWNSEND KHOURIE and CREW to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Laurie Axford, Reg. No. 35,053  
Kenneth A. Weber, Reg. No. 31,677  
Ellen Lauver Weber, Reg. No. 32,762  
Albert J. Hillman, Reg. No. 20,134  
Kevin L. Bastian, Reg. No. 34,774

Please direct all future correspondence regarding the subject application to:

TOWNSEND and TOWNSEND KHOURIE and CREW  
One Market  
Steuart Street Tower, 20th Floor  
San Francisco, CA 94105  
Telephone: (415) 543-9600

Date: August 26, 1993

MOLECULAR BIOSYSTEMS, INC.

By: Steven Lawson

(Signature)

Printed Name: Steven Lawson

Title: Vice President, Legal Affairs  
and General Counsel